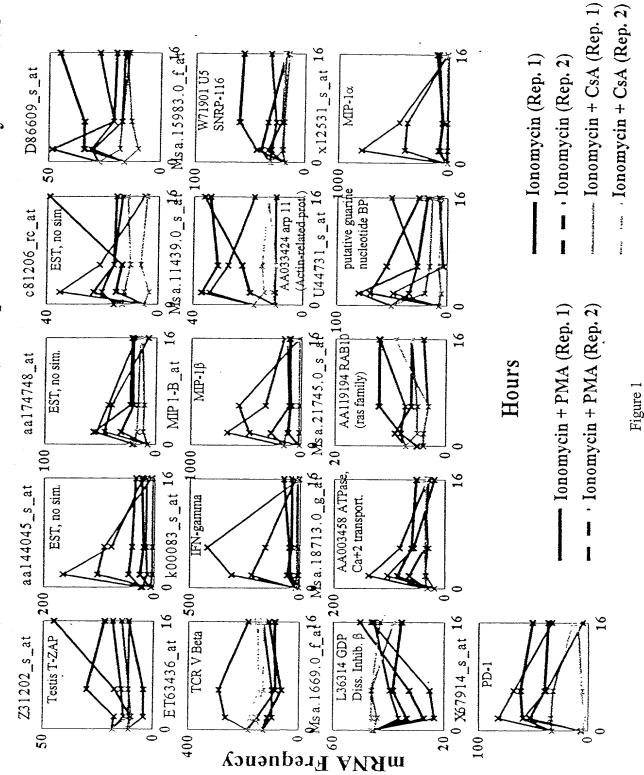
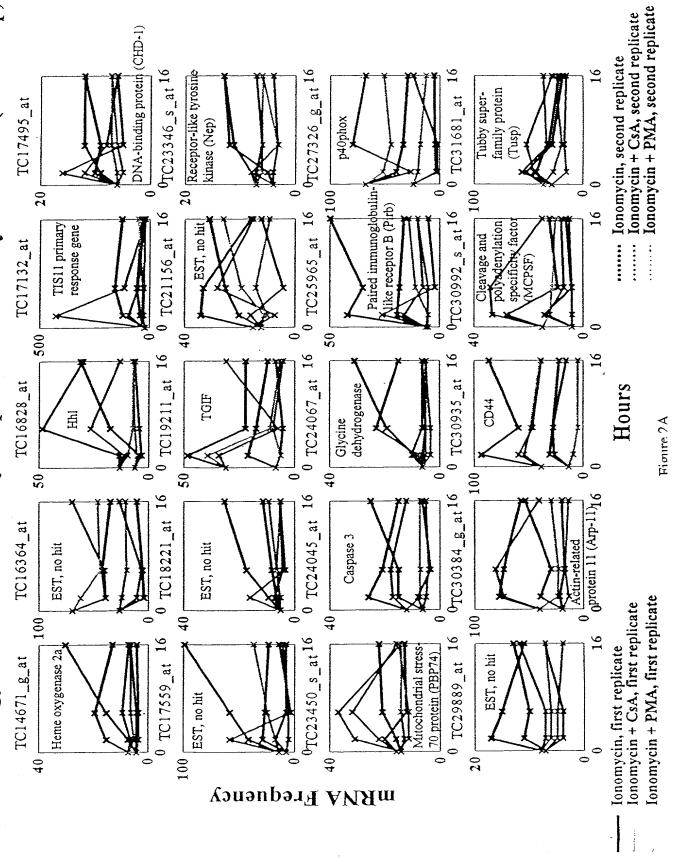
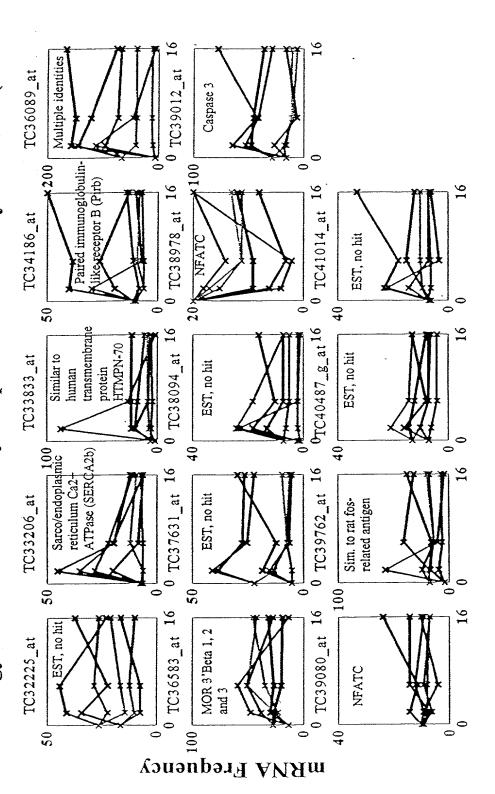
In Vitro Anergy: Genes Consistently Responsive to Ionomycin Alone



In Vitro Anergy: Genes Consistently Responsive to Ionomycin Alone (19K Chip)



In Vitro Anergy: Genes Consistently Responsive to Ionomycin Alone (19K Chip)



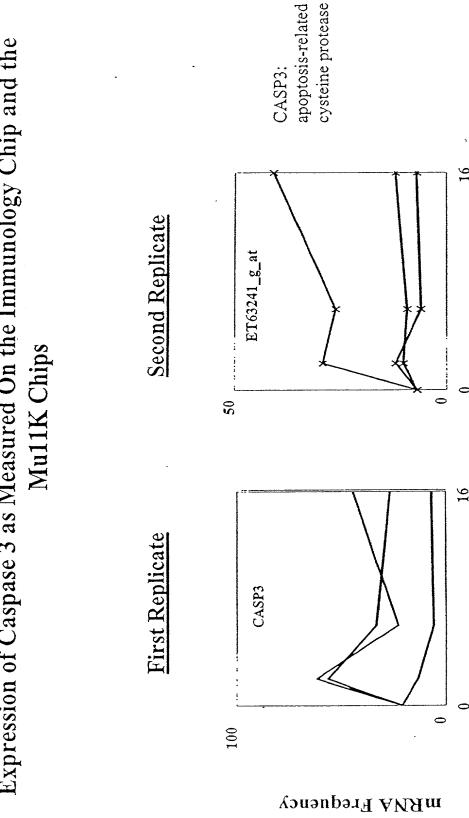
Hours

Ionomycin, first replicate Ionomycin + CsA, first replicate Ionomycin + PMA, first replicate

2B

....... Ionomycin, second replicate Ionomycin + CsA, second replicate Ionomycin + PMA, second replicate

Expression of Caspase 3 as Measured On the Immunology Chip and the



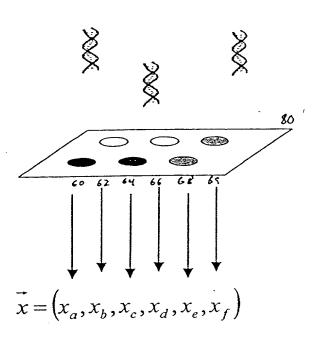
Hours of Stimulation

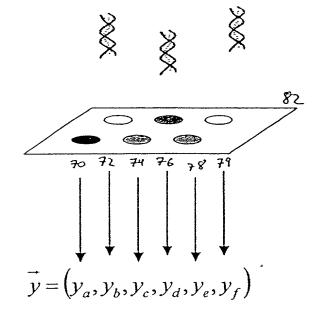
Ionomycin alone
Ionomycin + PMA
Ionomycin + CsA

Figure 3

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$$C = f(\vec{x}, \vec{y})$$
 Eq. (

Figure 4

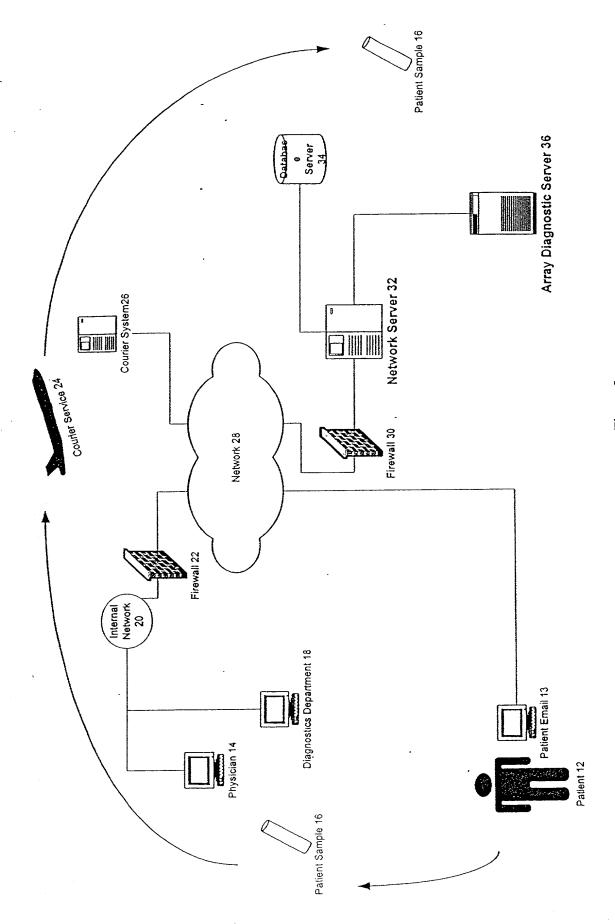


Figure 5

Ionomycin + CsA

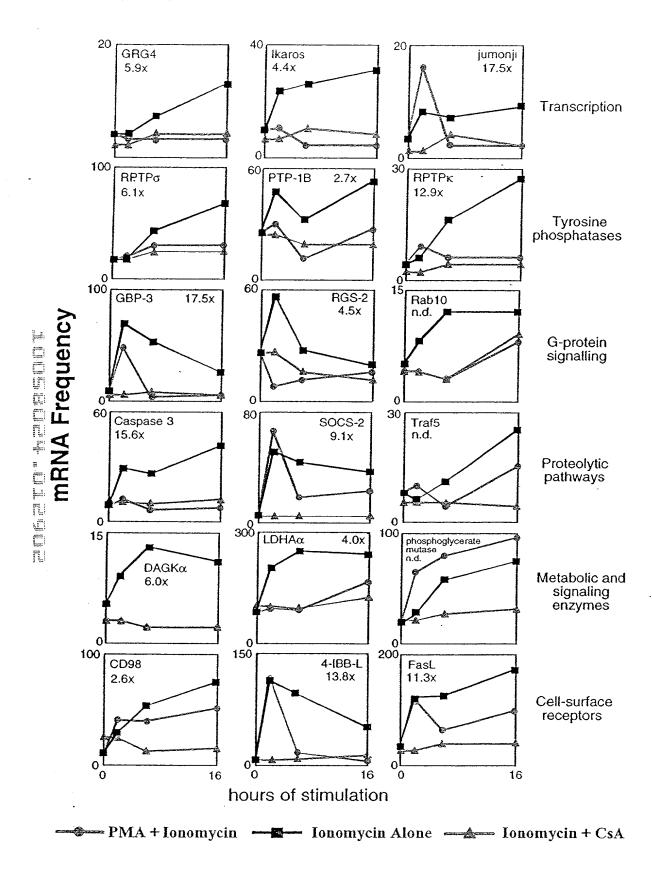
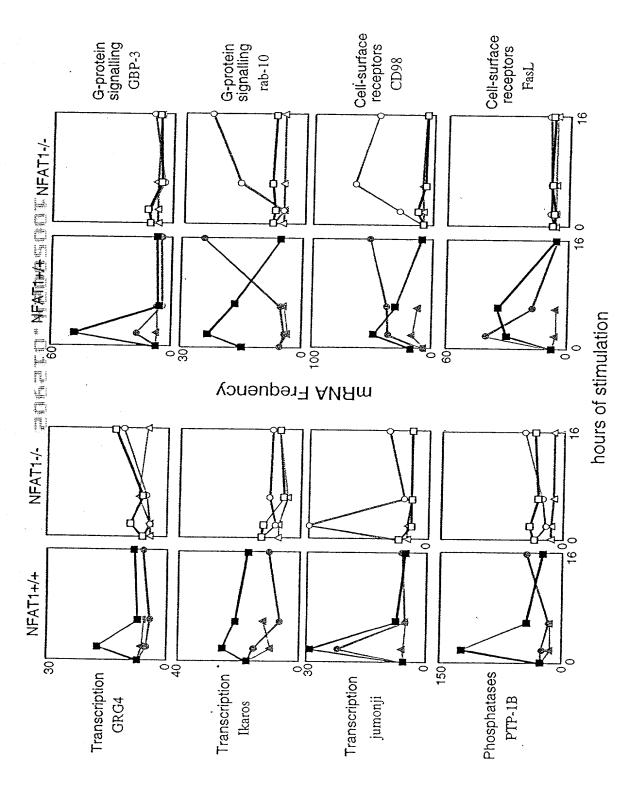


Figure 6B

Fold Induction

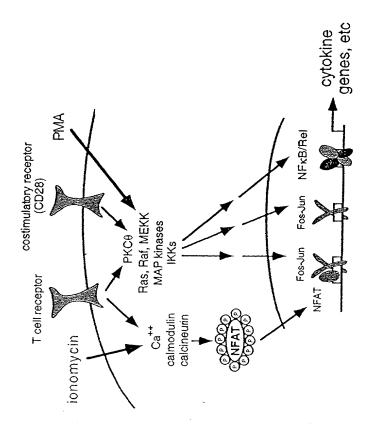




"" Ionomycin + CsA - Ionomycin Alone - PMA + Ionomycin

Figure 7B

Normal signalling



Incomplete signalling

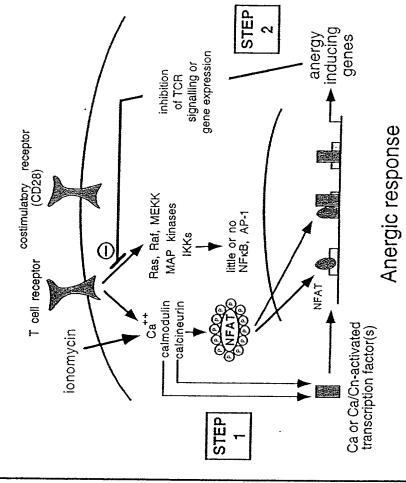


Figure 8

Productive response